

Title (en)

Phosphorylated polyol, oligomer therefrom, polymer therefrom, processes for preparing them and their uses

Title (de)

Phosphoryliertes Polyol, davon abgeleitetes Oligomer, von dem Oligomer abgeleitetes Polymer, Verfahren zu ihrer Herstellung und Verwendungen davon

Title (fr)

Polyol phosphoré, oligomère dérivé de ce polyol phosphoré, polymère dérivé de cet oligomère, procédés pour leur préparation et utilisations de ceux-ci

Publication

**EP 1031574 A1 20000830 (FR)**

Application

**EP 99103736 A 19990226**

Priority

EP 99103736 A 19990226

Abstract (en)

Phosphorus polyol contains at least two terminal phosphate groups; or phosphonate groups; or one phosphate and one phosphonate group. Independent claims are also included for method for preparing said polyol; use of said polyol as additive in composition which is crosslinked by irradiation; oligomer obtained by reacting said polyol with polyisocyanate and hydroxylated acrylate; polymer obtained from said oligomer; and use of said polyol, polymer or oligomer in coatings or flame retardant compositions.

Abstract (fr)

La présente invention concerne un polyol phosphoré. L'invention concerne également un oligomère dérivé de ce polyol phosphoré ainsi que la composition contenant cet oligomère. L'invention concerne également un polymère dérivé de cet oligomère. L'invention concerne également des procédés pour la préparation de ce polyol phosphoré, de cet oligomère, de ce polymère et de cette composition. L'invention concerne également les utilisations de ce polyol phosphoré, de cet oligomère, de ce polymère et de cette composition. La composition est réticulable par irradiation et présente des propriétés retardateur de flamme.

IPC 1-7

**C07F 9/09**; **C08K 5/521**; **C08K 5/5333**; **C08G 65/335**; **C08G 59/14**; **C08G 18/38**; **C08G 18/50**; **C08G 18/67**; **C07F 9/40**

IPC 8 full level

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CPC (source: EP US)

**C07F 9/091** (2013.01 - EP US); **C07F 9/093** (2013.01 - EP US); **C07F 9/4075** (2013.01 - EP US); **C08G 18/3878** (2013.01 - EP US); **C08G 18/5075** (2013.01 - EP US); **C08G 18/5084** (2013.01 - EP US); **C08G 18/672** (2013.01 - EP US); **C08G 59/1488** (2013.01 - EP US); **C08G 59/4071** (2013.01 - EP US); **C08K 5/521** (2013.01 - EP US); **C09D 175/16** (2013.01 - EP US)

Citation (search report)

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